

Table 5-5: CH₄ and N₂O Emissions from Manure Management (Tg CO₂ Eq.)

Gas/Animal Type	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
CH₄	29.2	31.1	30.7	31.6	33.8	34.8	34.2	35.9	38.0	37.6	37.5
Dairy Cattle	9.6	10.3	10.1	10.6	11.5	12.0	12.1	12.7	13.1	13.3	13.7
Beef Cattle	3.2	3.2	3.3	3.3	3.4	3.5	3.5	3.4	3.4	3.4	3.4
Swine	13.0	14.2	14.0	14.3	15.6	16.0	15.3	16.4	18.1	17.6	17.1
Sheep	0.1	0.1	0.1	0.1	0.1	0.1	+	+	+	+	+
Goats	+	+	+	+	+	+	+	+	+	+	+
Poultry	2.7	2.7	2.6	2.7	2.7	2.6	2.6	2.7	2.7	2.6	2.6
Horses	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
N₂O	16.0	16.5	16.3	16.7	16.7	16.4	16.8	17.1	17.1	17.2	17.5
Dairy Cattle	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.9	3.8	3.8	3.8
Beef Cattle	4.9	5.4	5.0	5.4	5.3	5.3	5.1	5.4	5.5	5.5	5.9
Swine	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.4	0.4	0.4
Sheep	+	+	+	+	+	+	+	+	+	+	+
Goats	+	+	+	+	+	+	+	+	+	+	+
Poultry	6.3	6.5	6.6	6.7	6.8	6.5	7.2	7.2	7.2	7.2	7.2
Horses	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total	45.2	47.7	47.0	48.4	50.5	51.2	51.0	53.0	55.1	54.8	55.0

+ Does not exceed 0.05 Tg CO₂ Eq.

Note: Totals may not sum due to independent rounding.